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ABSTRACT

Beginning in 1985, freshmen enrolled on a part-time basis in associate degree programs in Indiana postsecondary institutions were tracked for eight semesters to determine rates of retention and attrition. In 1985, associate degree-seeking freshmen with a declared major constituted 12% of the total undergraduate population in the state, and 74% of these students attended part-time. By 1988, 8% of the part-time associate students had completed degrees, 50% had dropped out, and the continuing students had completed less than half of their course requirements. Over half (53%) of the students were over 24 years of age, and they outperformed their younger counterparts in terms of degree completion rate (9% vs. 7%), grade point average (3.09 vs. 2.59), and dropout rate (50% vs. 53%). Breaking the older students down by sex demonstrated only minor differences. In comparison to part-time students, full-time associate degree-seeking students had higher retention, graduation, and transfer rates, with only 12% dropping out and nearly 50% achieving a degree. On the other hand, cumulative grade point average for part-time students was slightly higher than that for full-time students. At both two- and four-year campuses, many persisting students completed more than enough credit hours for a degree without attaining one. Among baccalaureate students, 61% attended full time, 31% completed a degree program within four years, 61% were still in school, and nearly 40% of the part-time baccalaureate students dropped out. A summary of staff responses to the retention study is also included. (JMC)

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RETENTION AND ATTRITION OF DECLARED PART-TIME ASSOCIATE FRESHMEN

(Discussion Item)

(Decision Item)

April 4, 1989

April 14, 1989

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Commission for Higher Education
101 West Ohio Street, Suite 550
Indianapolis, Indiana 46204
(317) 232-1900

COMMISSION FOR HIGHER EDUCATION
Friday, April 14, 1989

DISCUSSION ITEM C: Working Paper on Retention and Attrition of 1984-85 Declared Part-time Associate Freshmen

Staff Recommendation — For information only.

Background — At the last meeting, staff presented the first report on retention and attrition which the Commission will be considering as a decision item at this meeting. The retention database constructed to support that report contains other data not covered in that report but that staff indicated would be presented in a series of papers. This, the first such report, focuses on associate degree-seeking students, particularly part-time students who comprise the majority of associate degree-seeking students.

Supporting Document — *"Working Paper on Retention and Attrition of 1984-85 Declared Part-time Associate Freshmen,"* dated April 4, 1989

WORKING PAPER ON RETENTION AND ATTRITION OF 1984-85 DECLARED PART-TIME ASSOCIATE FRESHMEN

*A working paper is a staff paper prepared to elicit discussion of particular issues. It does not necessarily represent the opinion of the Commission or of individual members.

April 4, 1989

Commission for Higher Education
101 West Ohio Street, Suite 550
Indianapolis, Indiana 46204

Working Paper on Retention and Attrition of
1984-85 Declared Part-time Associate Freshmen

April 4, 1989

The Commission's retention study on FY85 declared freshmen has provided a statistical look at a variety of students, all of whom had declared an intention to obtain a degree. This paper focuses on only the part-time student seeking a two-year (associate) degree. After four years (eight semesters and three summers), it is not unreasonable to expect that a part-time student seeking a two-year degree could have achieved one.

The following summarizes the significant points concerning the completion rates of part-time associate students. In assessing them, one should bear in mind that there are many factors that could bear on a part-time student's rate of progress toward his or her goal: limited time availability that does not fit conveniently into the school's class schedule, course sequencing that necessitates additional school terms, remediation requirements, family and personal commitments, etc.

The FY85 freshmen involved in the Commission's retention study were only those for whom an intention could be discerned from the data available: those classified as freshmen in their institution's FY85 SIS reports and whom were further reported as declared. Excluded were all those reported at higher student levels (i.e., sophomore, PhD.), unclassified undergraduate, unclassified graduate or undeclared freshmen. Freshmen who decided on a major in a successive year and reported as such were not included. However, Vincennes has always reported its students as being declared whether they are nor not, so while many freshmen at other institutions were excluded, all of Vincennes' were included.

From Table I (Hoosier Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88)

The first table provides an overview on the experience of part-time associate degree-seeking students in the FY85 freshman class.

- In 1985, declared associate degree-seeking freshmen constituted 12% of the undergraduate population.
- Seventy-four percent of the declared associate degree-seeking students were part-time.
- Seventy-five percent of part-time associate students attended Vincennes and IVTC.
- Statewide, eight percent of all part-time associate degree-seeking students completed degrees within four years.
- Statewide, one-half (50%) of all part-time associate degree-seeking students dropped out.
- IU-Bloomington, IU-South Bend, IU-East, Indiana State University, and University of Southern Indiana served few part-time associate degree-seeking students.

- IU-East, IU-Kokomo, PU-Calumet and PU-North Central have completion rates for part-time associate degree-seeking students that are significantly higher than other campuses.
- Though few in number (27), those who make use of transfer opportunities within the Purdue and IU systems have the highest completion rates.

From Table II (Hoosier Younger Student Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88) and Table III (Hoosier Older Student Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88)

The segment of the part-time student population that generally has more at stake in its education consist of those over 24 years old, the "older" student for purposes of this paper.

Generally with larger commitments of time and finances in raising a family and/or keeping a job, these students make larger sacrifices and face more obstacles to getting a degree.

- Fifty-three percent of those enrolled as part-time associate degree students are 25 years old or older.
- In three respects older students do slightly better than their younger counterparts:
  - Older students have higher degree completion rates than younger students (9% vs. 7%).
  - Older students achieve better grades (3.05 cumulative grade-point averages vs. 2.59).
  - Fewer older students drop out (50% vs. 53%).
- The campuses with the best completion rates for older part-time associate degree-seeking students are IU-East, IU-Kokomo, IU-Northwest, PU-Calumet and PU-North Central.

From Table IV (Male Hoosier Older Student Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88) and Table V (Female Hoosier Older Student Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88)

Breaking the older students down by sex demonstrates only minor differences.

- Older part-time associate degree students are almost evenly divided between men (51%) and women (49%).
- Female students complete at a higher rate than male students (11% vs. 7%)
- Where the overall completion rates for older students were good, the women had much higher completion rates than did the men: IU-East (43% vs. 14%), IU-Kokomo (36% vs. 10%), IU-Northwest (19% vs. 10%), PU-Calumet (30% vs. 15%) and PU-North Central (27% vs. 16%)
- The completion rates for women at IVTC-Lafayette (16%), IVTC-Southeast (14%), and IVTC-South Central (14%) stand out amongst generally undistinguished rates for either men or women at IVTC campuses.
- The completion rate for male students at Vincennes is nearly twice that of the female students. (10% vs. 5%)

From Table VI (Population Projections by Age Cohort)

- Population projections for Indiana over the next thirty years indicate very slight overall decreases for both younger students and older (ages 25-44) while the over-44 segment of the population grows substantially.

Indiana Public Higher Education

Hoosier Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88

TABLE I

		Completers			Persisters			
	(1) Number	(2) One or More Associate	(3) Certificate Only	(4) Assoc. and/or Higher Degree	(5) Percent	(6) Average Attempted Credit Hours	(7) Average Cumm GPA in Fourth Year	(8) Dropouts
Indiana University								
IU-Bloomington	12	0.0%	0.0%	0.0%	50.0%	39	1.74	50.0%
IU-East	74	24.3%	4.1%	0.0%	41.9%	33	2.92	29.7%
IU-Kokomo	232	18.1%	0.4%	0.8%	56.5%	27	2.79	24.1%
IU-Northwest	158	10.1%	3.2%	0.0%	38.6%	30	2.93	48.1%
IU-South Bend	12	0.0%	0.0%	0.0%	50.0%	21	3.31	50.0%
IU-Southeast	88	6.8%	0.0%	0.0%	55.7%	30	2.75	37.5%
IUPUI	569	4.2%	0.5%	0.0%	60.8%	33	2.60	34.4%
Multi-Campus, IU	18	33.3%	0.0%	5.6%	27.8%	42	2.73	33.3%
Total	1,163							
Purdue University								
PU-West Lafayette	200	11.5%	0.0%	0.0%	54.5%	30	2.95	34.0%
PU-Calumet	492	20.9%	0.6%	3.0%	43.9%	33	2.82	31.5%
PU-North Central	454	19.1%	0.0%	0.4%	45.2%	30	2.93	35.2%
IUPU-Fort Wayne	1,143	11.4%	0.9%	0.2%	52.6%	27	2.81	35.0%
Multi-Campus, PU	9	44.4%	0.0%	0.0%	55.6%	45	2.62	0.0%
Total	2,298							
Indiana State University	33	3.0%	0.0%	0.0%	42.4%	33	2.55	54.5%
Univ of Southern Indiana	89	1.1%	2.2%	0.0%	47.2%	27	2.97	49.4%
Ball State University	233	6.4%	0.0%	3.0%	39.5%	27	2.72	51.1%
Vincennes	3,332	5.0%	0.2%	0.2%	36.4%	24	3.07	58.2%
Ind Vocational Tech Inst								
IVTC-Northwest (1)	1,721	2.9%	1.1%	0.2%	40.0%	27	2.57	55.8%
IVTC-North Central (2	866	3.3%	0.8%	0.0%	44.1%	27	2.71	51.7%
IVTC-Northeast (3)	1,157	7.5%	0.6%	0.0%	41.9%	24	2.98	50.0%
IVTC-Lafayette (4)	407	8.9%	1.2%	0.0%	36.9%	21	2.94	53.1%
IVTC-Kokomo (5)	568	3.0%	1.6%	0.0%	35.4%	24	2.63	60.0%
IVTC-East Central (6)	899	5.5%	1.9%	0.0%	36.0%	27	2.93	56.6%
IVTC-Wabash Valley (7	701	4.0%	0.4%	0.0%	37.1%	24	3.19	58.5%
IVTC-Central Indiana	1,510	3.3%	0.3%	0.0%	41.2%	27	2.68	55.2%
IVTC-Whitewater (9)	423	5.0%	1.7%	0.0%	36.9%	24	2.89	56.5%
IVTC-Columbus (10)	584	6.3%	1.5%	0.2%	44.3%	30	2.85	47.6%
IVTC-Southeast (11)	133	7.5%	0.8%	0.0%	33.1%	27	2.90	58.6%
IVTC-Southwest (12)	596	2.9%	3.7%	0.0%	38.3%	27	2.81	55.2%
IVTC-South Central (1	363	7.4%	0.3%	0.3%	39.4%	30	2.90	52.6%
Multi-Campus IVTC	27	7.4%	3.7%	0.0%	33.3%	30	2.90	55.6%
Total	9,955	4.6%	1.1%	0.1%				
Multi-Institutional	574	10.5%	1.4%	7.1%	59.6%	36	2.62	21.4%
Statewide	17,677	6.5%	0.9%	0.5%	42.0%	27	2.83	50.1%

Notes:

Column (4) — Achieved an associate degree plus a higher degree or achieved only a higher degree.

Column (6) — Semester hours.

Column (7) — Average known cumulative grade-point average for persisters in school in FY88, the only year for which this data is available.

Indiana Public Higher Education

Hoosier Younger Student Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88

TABLE II

	(1) Number	Completers (2) One or More Associate	(3) Certificate Only	(4) Assoc. and/or Higher Degree	Persisters (5) Percent	(6) Average Attempted Credit Hours	(7) Average cum. GPA in Fourth Year	(8) Dropouts
Indiana University								
IU-Bloomington	9	0.0%	0.0%	0.0%	66.7%	39	1.74	33.3%
IU-East	29	17.2%	0.0%	0.0%	44.8%	42	2.73	37.9%
IU-Kokomo	94	16.0%	0.0%	0.0%	57.4%	30	2.45	26.6%
IU-Northwest	77	3.9%	2.6%	0.0%	37.7%	33	2.83	55.8%
IU-South Bend	7	0.0%	0.0%	0.0%	42.9%	21	3.86	57.1%
IU-Southeast	43	11.6%	0.0%	0.0%	53.5%	33	2.50	34.9%
IUPUI	339	4.4%	0.3%	0.0%	59.0%	36	2.42	36.3%
Multi-Campus, IU	9	33.3%	0.0%	11.1%	11.1%	51	0.00	44.4%
Purdue University								
PU-West Lafayette	91	8.8%	0.0%	0.0%	49.5%	39	2.78	41.8%
PU-Calumet	190	27.9%	0.0%	2.1%	42.1%	39	2.38	27.9%
PU-North Central	199	15.1%	0.0%	0.5%	41.7%	33	2.76	42.7%
IUPU-Fort Wayne	465	8.0%	1.3%	0.2%	54.0%	33	2.54	36.6%
Multi-Campus, PU	3	66.7%	0.0%	0.0%	33.3%	24	0.00	0.0%
Indiana State University	20	5.0%	0.0%	0.0%	50.0%	36	2.30	45.0%
Univ of Southern Indiana	61	1.6%	3.3%	0.0%	42.6%	30	2.83	52.5%
Ball State University	125	7.2%	0.0%	1.6%	42.4%	33	2.47	48.8%
Vincennes	1,631	3.7%	0.2%	0.0%	32.6%	27	2.78	63.5%
Ind Vocational Tech Inst								
IVTC-Northwest (1)	724	2.3%	1.1%	0.0%	36.6%	27	2.33	59.9%
IVTC-North Central (2	320	2.8%	0.3%	0.0%	40.6%	27	2.38	56.3%
IVTC-Northeast (3)	474	7.2%	1.1%	0.0%	41.4%	27	2.84	50.4%
IVTC-Lafayette (4)	185	7.6%	0.5%	0.0%	31.4%	24	2.48	60.5%
IVTC-Kokomo (5)	258	3.9%	1.9%	0.0%	34.9%	24	2.43	59.3%
IVTC-East Central (6)	429	4.7%	1.2%	0.0%	38.0%	30	2.67	56.2%
IVTC-Wabash Valley (7	270	3.7%	0.7%	0.0%	38.9%	30	2.93	56.7%
IVTC-Central Indiana	638	2.5%	0.2%	0.0%	41.4%	30	2.44	56.0%
IVTC-Whitewater (9)	166	4.8%	1.8%	0.0%	33.1%	27	2.94	60.2%
IVTC-Columbus (10)	273	6.2%	0.7%	0.0%	44.3%	33	2.56	48.7%
IVTC-Southeast (11)	57	5.3%	1.8%	0.0%	24.6%	27	2.76	68.4%
IVTC-Southwest (12)	246	2.0%	2.4%	0.0%	39.0%	27	2.58	56.5%
IVTC-South Central (1	168	3.6%	0.6%	0.0%	39.3%	30	2.68	56.5%
Multi-Campus IVTC	11	0.0%	0.0%	0.0%	45.5%	39	2.56	54.5%
Multi-Institutional	322	7.1%	1.6%	7.1%	61.5%	39	2.49	22.7%
Statewide	7,933	5.6%	0.8%	0.4%	40.8%	30	2.59	52.5%

Notes:

Column (4) — Achieved an associate degree plus a higher degree or achieved only a higher degree.
Column (6) — Semester hours.
Column (7) — Average known cumulative grade-point average for persisters in school in FY88, the only year for which this data is available.

Agenda 2

Indiana Public Higher Education

Hoosier Older Student Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88

TABLE III

	(1) Number	Completers (2) One or More Associate	Completers (3) Certificate Only	Completers (4) Assoc. and/or Higher Degree	Persisters (5) Percent	Persisters (6) Average Attempted Credit Hours	Persisters (7) Average cum. GPA in Fourth Year	(8) Dropouts
Indiana University								
IU-Bloomington	3	0.0%	0.0%	0.0%	0.0%	0	0.00	100.0%
IU-East	42	31.0%	7.1%	0.0%	38.1%	30	3.08	23.8%
IU-Kokomo	132	18.9%	0.8%	1.6%	55.3%	24	3.07	23.5%
IU-Northwest	79	16.5%	3.8%	0.0%	39.2%	30	2.97	40.5%
IU-South Bend	5	0.0%	0.0%	0.0%	60.0%	18	2.75	40.0%
IU-Southeast	41	0.0%	0.0%	0.0%	56.1%	27	2.85	43.9%
IUPUI	222	4.1%	0.9%	0.0%	62.2%	27	2.83	32.9%
Multi-Campus, IU	9	33.3%	0.0%	0.0%	44.4%	42	2.73	22.2%
Purdue University								
PU-West Lafayette	98	12.2%	0.0%	0.0%	57.1%	24	3.05	30.6%
PU-Calumet	297	16.8%	0.7%	3.7%	44.4%	30	2.96	34.3%
PU-North Central	245	22.0%	0.0%	0.4%	46.9%	27	3.02	30.6%
IUPU-Fort Wayne	641	12.0%	0.6%	0.2%	51.3%	24	3.03	35.9%
Multi-Campus, PU	4	25.0%	0.0%	0.0%	75.0%	54	2.62	0.0%
Indiana State University	12	0.0%	0.0%	0.0%	25.0%	24	3.58	75.0%
Univ of Southern Indiana	28	0.0%	0.0%	0.0%	57.1%	27	3.23	42.9%
Ball State University	102	5.9%	0.0%	4.9%	32.4%	21	3.04	56.9%
Vincennes	1,608	6.3%	0.3%	0.2%	37.2%	18	3.34	55.9%
Ind Vocational Tech Inst								
IVTC-Northwest (1)	898	3.1%	1.1%	0.2%	40.0%	27	2.77	55.6%
IVTC-North Central (2	382	3.9%	1.6%	0.0%	45.5%	24	2.90	49.0%
IVTC-Northeast (3)	634	7.8%	0.2%	0.0%	41.3%	21	3.06	50.8%
IVTC-Lafayette (4)	207	9.7%	1.9%	0.0%	39.6%	18	3.34	48.8%
IVTC-Kokomo (5)	288	2.4%	1.4%	0.0%	33.0%	24	2.69	63.2%
IVTC-East Central (6)	440	6.1%	2.7%	0.0%	34.1%	27	3.16	57.0%
IVTC-Wabash Valley (7	408	4.2%	0.2%	0.0%	35.5%	21	3.38	60.0%
IVTC-Central Indiana	832	3.8%	0.5%	0.0%	39.1%	27	2.89	56.6%
IVTC-Whitewater (9)	197	5.6%	1.5%	0.0%	36.0%	24	3.05	56.9%
IVTC-Columbus (10)	295	6.4%	2.4%	0.3%	42.7%	27	3.21	48.1%
IVTC-Southeast (11)	71	9.9%	0.0%	0.0%	38.0%	24	3.09	52.1%
IVTC-Southwest (12)	273	3.3%	5.5%	0.0%	37.7%	27	3.18	53.5%
IVTC-South Central (1	184	10.9%	0.0%	0.5%	38.6%	27	3.16	50.0%
Multi-Campus IVTC	16	12.5%	6.3%	0.0%	25.0%	18	3.25	56.3%
Multi-Institutional	221	16.3%	1.4%	6.8%	55.7%	30	2.82	19.9%
Statewide	8,914	7.5%	1.0%	0.5%	41.4%	24	3.05	49.7%

Notes:

Column (4) — Achieved an associate degree plus a higher degree or achieved only a higher degree.
Column (6) — Semester hours.
Column (7) — Average known cumulative grade-point average for persisters in school in FY88, the only year for which this data is available.

Indiana Public Higher Education

Male Hoosier Older Student Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88

TABLE IV

	(1) Number	Completers (2) One or More Associate	(3) Certificate Only	(4) Assoc. and/or Higher Degree	Persisters (5) Percent	(6) Average Attempted Credit Hours	(7) Average Cumm GPA in Fourth Year	(8) Dropouts
Indiana University								
IU-Bloomington	2	0.0%	0.0%	0.0%	0.0%	0	0.00	100.0%
IU-East	7	14.3%	0.0%	0.0%	28.6%	30	3.51	57.1%
IU-Kokomo	73	6.8%	1.4%	1.4%	64.4%	24	3.10	26.0%
IU-Northwest	10	0.0%	10.0%	0.0%	50.0%	18	3.14	40.0%
IU-South Bend	1	0.0%	0.0%	0.0%	0.0%	0	0.00	100.0%
IU-Southeast	17	0.0%	0.0%	0.0%	52.9%	24	0.00	47.1%
IUPUI	130	1.5%	0.8%	0.0%	62.3%	30	2.81	35.4%
Multi-Campus, IU	5	0.0%	0.0%	0.0%	80.0%	42	2.73	20.0%
Purdue University								
PU-West Lafayette	72	9.7%	0.0%	0.0%	61.1%	24	3.04	29.2%
PU-Calumet	165	10.3%	0.6%	3.6%	44.8%	30	3.05	40.6%
PU-North Central	102	14.7%	0.0%	1.0%	49.0%	30	2.98	35.3%
IUPU-Fort Wayne	324	6.2%	0.9%	0.0%	54.9%	24	2.94	38.0%
Multi-Campus, PU	2	50.0%	0.0%	0.0%	50.0%	51	0.00	0.0%
Indiana State University	6	0.0%	0.0%	0.0%	16.7%	27	3.15	83.3%
Univ of Southern Indiana	6	0.0%	0.0%	0.0%	33.3%	48	3.01	66.7%
Ball State University	36	11.1%	0.0%	8.4%	25.0%	24	3.14	55.6%
Vincennes	623	8.8%	0.2%	0.5%	32.4%	21	3.12	58.1%
Ind Vocational Tech Inst								
IVTC-Northwest (1)	575	2.3%	1.2%	0.2%	39.5%	24	2.78	56.9%
IVTC-North Central (2	216	4.2%	2.3%	0.0%	44.0%	24	2.86	49.5%
IVTC-Northeast (3)	383	7.1%	0.0%	0.0%	43.1%	21	3.05	49.9%
IVTC-Lafayette (4)	96	5.2%	1.0%	0.0%	40.6%	24	3.31	53.1%
IVTC-Kokomo (5)	151	3.3%	1.3%	0.0%	28.5%	27	2.88	66.9%
IVTC-East Central (6)	248	4.8%	2.8%	0.0%	35.5%	27	3.16	56.9%
IVTC-Wabash Valley (7	190	2.6%	0.0%	0.0%	34.7%	21	3.55	62.6%
IVTC-Central Indiana	482	3.9%	0.2%	0.0%	37.8%	27	2.80	58.1%
IVTC-Whitewater (9)	103	1.9%	2.9%	0.0%	35.0%	21	2.95	60.2%
IVTC-Columbus (10)	167	6.0%	2.4%	0.6%	40.1%	27	3.13	50.9%
IVTC-Southeast (11)	27	3.7%	0.0%	0.0%	44.4%	24	2.91	51.9%
IVTC-Southwest (12)	148	2.0%	3.4%	0.0%	41.2%	30	2.75	53.4%
IVTC-South Central (1	103	9.7%	0.0%	0.0%	36.9%	24	3.40	53.4%
Multi-Campus IVTC	9	0.0%	0.0%	0.0%	22.2%	21	3.25	77.8%
Multi-Institutional	90	8.9%	2.2%	8.9%	61.1%	33	2.72	18.9%
Statewide	4,569	5.6%	1.0%	0.5%	41.3%	24	2.98	51.6%

Notes:

Column (4) — Achieved an associate degree plus a higher degree or achieved only a higher degree.
Column (6) — Semester hours.
Column (7) — Average known cumulative grade-point average for persisters in school in FY88, the only year for which this data is available.

Agenda 29

Indiana Public Higher Education

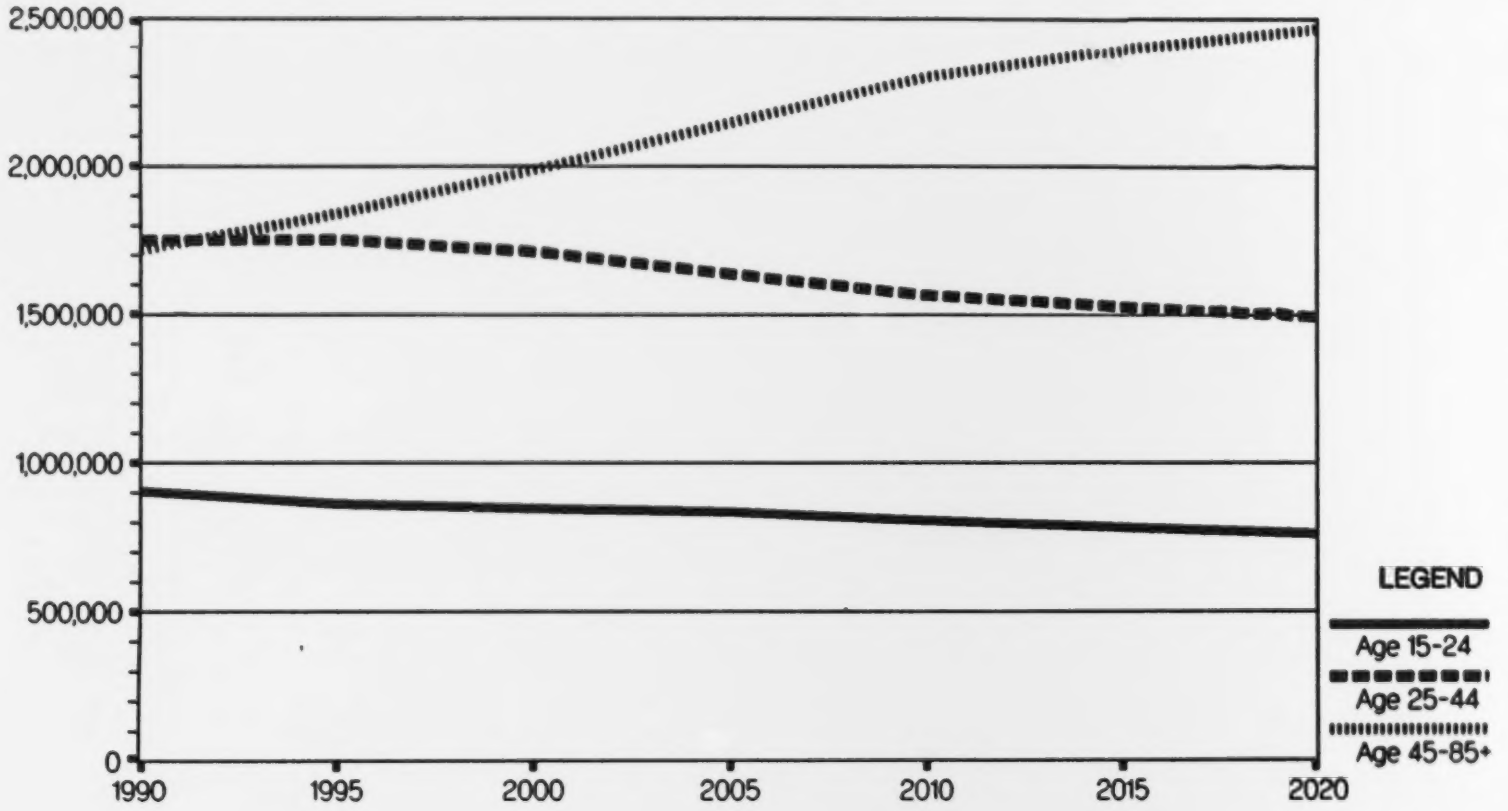
Female Hoosier Older Student Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88

TABLE V

	(1) Number	Completers (2) One or More Associate	(3) Certificate Only	(4) Assoc. and/or Higher Degree	Persisters (5) Percent	(6) Average Attempted Credit Hours	(7) Average Cumm GPA in Fourth Year	(8) Dropouts
Indiana University								
IU-Bloomington	1	0.0%	0.0%	0.0%	0.0%	0	0.00	100.0%
IU-East	35	34.3%	8.6%	0.0%	40.0%	30	3.03	17.1%
IU-Kokomo	59	33.9%	0.0%	1.7%	44.1%	27	3.02	20.3%
IU-Northwest	69	18.8%	2.9%	0.0%	37.7%	30	2.95	40.6%
IU-South Bend	4	0.0%	0.0%	0.0%	75.0%	18	2.75	25.0%
IU-Southeast	24	0.0%	0.0%	0.0%	58.3%	27	2.85	41.7%
IUPUI	92	7.6%	1.1%	0.0%	62.0%	27	2.86	29.3%
Multi-Campus, IU	4	75.0%	0.0%	0.0%	0.0%	0	0.00	25.0%
Purdue University								
PU-West Lafayette	26	19.2%	0.0%	0.0%	46.2%	24	3.08	34.6%
PU-Calumet	132	25.0%	0.8%	3.8%	43.9%	30	2.87	26.5%
PU-North Central	143	27.3%	0.0%	0.0%	45.5%	27	3.06	27.3%
IUPU-Fort Wayne	317	18.0%	0.3%	0.3%	47.6%	24	3.14	33.8%
Multi-Campus, PU	2	0.0%	0.0%	0.0%	100.0%	57	2.62	0.0%
Indiana State University	6	0.0%	0.0%	0.0%	33.3%	24	4.00	66.7%
Univ of Southern Indiana	22	0.0%	0.0%	0.0%	63.6%	24	3.31	36.4%
Ball State University	66	3.0%	0.0%	3.0%	36.4%	18	3.00	57.6%
Vincennes	985	4.8%	0.4%	0.1%	40.2%	18	3.45	54.5%
Ind Vocational Tech Inst								
IVTC-Northwest (1)	323	4.6%	0.9%	0.3%	40.9%	30	2.75	53.3%
IVTC-North Central (2	166	3.6%	0.6%	0.0%	47.6%	27	2.95	48.2%
IVTC-Northeast (3)	251	8.8%	0.4%	0.0%	38.6%	21	3.08	52.2%
IVTC-Lafayette (4)	111	13.5%	2.7%	0.0%	38.7%	15	3.37	45.0%
IVTC-Kokomo (5)	137	1.5%	1.5%	0.0%	38.0%	21	2.53	59.1%
IVTC-East Central (6)	192	7.8%	2.6%	0.0%	32.3%	24	3.16	57.3%
IVTC-Wabash Valley (7	218	5.5%	0.5%	0.0%	36.2%	24	3.23	57.8%
IVTC-Central Indiana	350	3.7%	0.9%	0.0%	40.9%	24	3.01	54.6%
IVTC-Whitewater (9)	94	9.6%	0.0%	0.0%	37.2%	24	3.17	53.2%
IVTC-Columbus (10)	128	7.0%	2.3%	0.0%	46.1%	27	3.31	44.5%
IVTC-Southeast (11)	44	13.6%	0.0%	0.0%	34.1%	27	3.39	52.3%
IVTC-Southwest (12)	125	4.8%	8.0%	0.0%	33.6%	27	3.69	53.6%
IVTC-South Central (1	81	12.3%	0.0%	1.2%	40.7%	30	3.04	45.7%
Multi-Campus IVTC	7	28.6%	14.3%	0.0%	28.6%	18	0.00	28.6%
Multi-Institutional	131	21.4%	0.8%	5.3%	51.9%	27	2.89	20.6%
Statewide	4,345	9.4%	1.1%	0.5%	41.5%	24	3.13	47.6%

Notes:
Column (4) — Achieved an associate degree plus a higher degree or achieved only a higher degree.
Column (6) — Semester hours.
Column (7) — Average known cumulative grade-point average for persisters in school in FY88, the only year for which this data is available.

Population Projections by Age Cohort



Agenda 31

RETENTION AND ATTRITION OF DECLARED PART-TIME ASSOCIATE FRESHMEN

(Decision Item)

April 14, 1989

Commission for Higher Education
101 West Ohio Street, Suite 550
Indianapolis, Indiana 46204
(317) 232-1900

COMMISSION FOR HIGHER EDUCATION
Friday, April 14, 1989

DECISION ITEM C: Adoption of the Report on Retention and Persistence Rates of Students Enrolled as Declared Freshmen in 1984-85

Staff Recommendation

Staff recommends that the Commission adopt the report entitled, *"Retention and Persistence Rates of Students Enrolled as Declared Freshmen in 1984-85,"* dated April 4, 1989, as its official report to the general assembly, governor and commission on vocational and technical education.

Background

The 1987 General Assembly amended IC 20-12-0.5-8 to require the Commission to "Develop a definition for and report biennially to the: (a) general assembly; (b) governor; and (c) Commission on Vocational and Technical Education; on attrition and persistence rates by students enrolled in state vocational education."

This report was discussed at the Commission's last meeting. Many of comments at that meeting have been incorporated into the report and the report has been recirculated to the institutions.

Supporting Documents

(1) *"Summary of Staff Responses to Institutional Comments Regarding Retention Study,"* dated April 4, 1989

(2) *"Retention and Persistence Rates of Students Enrolled as Declared Freshmen in 1984-85,"* dated April 4, 1989

SUMMARY OF STAFF RESPONSES TO INSTITUTIONAL COMMENTS REGARDING RETENTION STUDY

April 4, 1989

Comment	Response
Data definitions and methodology not comparable to "standard" retention studies.	The report initially spelled out the constraints our data source places on doing the study and continuing to do so. A cautionary paragraph concerning comparability has been added to the body of the report and to the executive summary.
That it is important to exclude students who are only taking courses and not seeking a degree.	The study excludes such students and the report explicitly said so. Additional language emphasizing this fact has been added.
All Vincennes freshmen were treated as declared freshmen despite the fact that many are not really declared.	This is due to practices that Vincennes uses in reporting its students in SIS that other institutions do not use. This is nov pointed out clearly in the text. The study cannot be "fixed" to allow for this fact.
Purdue obligates its technology students to declare initially an associate degree objective even though their true aspiration might be a baccalaureate degree. Hence, some Purdue students classified as associate students in the study might better be thought of as baccalaureate.	This has been pointed out in the report and because of this "inflation," caution has been exercised in draving conclusions about the "high" rate at which associate students continue on for baccalaureate degrees at Purdue in comparison to other campuses.
One institution noted that their studies indicated higher completion rates for their institution than our study shoved but provided no specifics.	No action due to lack of specifics.
Another institution said our rates for their institution might be too good according to their studies.	No action due to lack of specifies.
Another institution said our rates for them were comparable to those found by their own studies.	No action necessary.
	Staff is convening a meeting of institutional researchers and registrars to discuss possible improvements in future studies and ways to provide additional information on why students do not complete degree programs.

RETENTION AND PERSISTENCE RATES OF STUDENTS ENROLLED AS DECLARED FRESHMEN IN 1984-85

— April 4, 1989 —

Commission for Higher Education
101 West Ohio Street, Suite 550
Indianapolis, Indiana 46204

Agenda 89

EXECUTIVE SUMMARY

In order for statistics on retention/attrition rates to be meaningful and useful for analytic purposes, they must deal with discrete sets of students with common expectations and circumstances. Hence, the study tracked a cohort of freshmen with reported majors and categorized them as associate and baccalaureate, resident and nonresident, and part-time and full-time students. The data available to this study cover only the four years of FY85 through FY88 which is an adequate timespan to obtain a definitive picture of the experience of associate (two-year) students but is only enough to give a sense of the trend for baccalaureate students. Some of the salient findings for Hoosier students in this cohort are outlined below.

[The definitions and methodology used in this study are determined to a large extent by the nature of the data available and are not always the same as that used in retention studies commonly conducted at institutions. Therefore, in comparing this study with other statewide or institutional studies particular attention should be given to comparability of the definitions and methodologies. Further, because of the various ways the institutions report their students, caution should be exercised in using this study's results to make inter-institutional comparisons.]

For Associate Students:

- Twenty-six percent of associate students were full-time.
- Retention rates for these students were good. Only twelve percent dropped out while just less than half achieved a degree. The remainder are continuing their studies.
- Contrast this with the experience of part-time students. Half dropped out, only eight percent were able to get a degree in four years and forty-two percent are continuing.
- The persisting part-time students have on average completed less than half the course requirements in four years. At that rate it will take them over eight years to get an associate degree.
- Most part-time students are at IVTC campuses and Vincennes where their drop-out rates range from 48 percent to 60 percent.
- The cumulative grade-point average for part-time students is slightly higher than for full-time students which suggests that academic preparation and ability are not significant factors in the slow rate of progress for part-time students.
- In general, the full-time students at four-year campuses were much more likely to go on and obtain a baccalaureate than their counterparts at the two-year institutions.

- At the four-year campuses, the full-time persisting associate students attempted considerably more credit hours than necessary for an associate degree yet did not achieve one. This suggests that many were initially misclassified or changed their minds after FY85.
- Likewise, many associate persisters at the two-year institutions had attempted more than enough credit hours for a degree without getting one. However, misclassification is not a likely factor in these cases.

For Baccalaureate Students:

- Sixty-one percent of the baccalaureate students were full-time students, more than twice the percentage of associate students who are full-time.
- [Retention rates for the full-time students were good. Ninety-two percent either completed a degree program (31%) or were still in school (61%). Eight percent dropped out.]
- Over thirty percent of the full-time students obtained a degree; this number will increase in next year's study when this cohort's students who are in five-year baccalaureate programs will graduate.
- Nearly forty percent of the part-time students dropped out.
- The commuter[1] campuses cater to the part-time student and might be expected to have better success with this type of student but they seem to do no better than the residential campuses and vice versa.

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1 [Commuter and Residential campuses are listed in Appendix A.]

APPENDIX A
(Added 3/21)

RESIDENTIAL CAMPUSES:

Indiana University - Bloomington
Purdue University - West Lafayette
Indiana State University
Ball State University
Vincennes University

COMMUTER CAMPUSES:

Indiana University - East
Indiana University - Purdue University at Indianapolis
Indiana University - Kokomo
Indiana University - Northwest
Indiana University - South Bend
Indiana University - Southeast

Purdue University - Calumet
Purdue University - North Central
Indiana University - Purdue University at Fort Wayne

University of Southern Indiana

Indiana Vocational Technical College - All Campuses

The 1987 General Assembly amended IC 20-12-0.5-8 to require the Commission to

> *"Develop a definition for and report biennially to the:*
>
> *(A) general assembly;*
> *(B) governor; and*
> *(C) commission of vocational and technical education;*
>
> *on attrition and persistence rates by students enrolled in state vocational education."*

Pursuant to that statute the Commission has undertaken to develop a database from which attrition/retention studies could be generated. No attempt has been made to distinguish and report students with vocational majors from other programs. In constructing this database, it was as efficient to include all students as it was for a particular subset. In so doing, we provide an opportunity for the Commission to pursue its interest and responsibilities for students in all programs and at all levels.

While the Commission has been collecting data from the institutions on an annual student-by-student basis through its Student Information System (SIS) since 1978-79, not all of it is usable for retention studies. In using such data to track a student from one year to the next and from one campus to the next in order to determine the outcome of his/her educational experience, it is necessary that a single identifier be used throughout for that student. It was not until the 1984-85 SIS submission that the public institutions uniformly reported students' social security numbers as student identifiers (except where forbidden by the student or where no social security number had been issued—a small fraction of the student population). With the 1987-88 SIS report, the minimum four years of data necessary for a meaningful start on retention studies became available.

This report is the first of a series of retention studies the Commission intends to undertake to satisfy not only its reporting requirements but also to support its own mission. This report describes the experience of a particular group of students in achieving their declared objectives. Specifically, Hoosier students who were freshmen in 1984-85 and who had stated degree objectives were identified and their progress traced over four years of SIS data. These students represent nearly 21 percent of the public higher education population in FY85. No SIS data for independent institutions was used in tracking these students; other studies by Commission staff have indicated that the movement of students between the public and private sectors is negligible.

The students in this study were confined to those who had a stated major in FY85 because they were the only students whose program was apparent from the data. Those freshmen who were not classified in a program in their first year but who later entered a program and perhaps got a degree are excluded as are the casual, "courses only" students and those who were taking a bare minimum of courses to achieve a certain type of employment. The data simply do not contain any discriminating element that describes other than degree-seeking goals.

[It cannot be emphasized too highly that this study looked only at freshmen with an announced intention and excluded are the freshmen who decided on their majors in later years and the working people who take a class or two for personal enrichment. However, it must be added that in the case of Vincennes all freshmen were included in the study because Vincennes reports all freshmen with a declared major regardless of the student's intentions.]

The study was limited to Hoosiers because they are the Commission's first consideration and it was felt that out-of-state students in general have greater incentives to finish and to finish on time than do residents. Also, full-time students were separated from part-time students to facilitate inter-institutional comparisons. As is evident from the attached tables, the success rate of full-time students is greater no matter where they attend school. Since there is a wide variation in the mix of part-time to full-time students throughout the public institutions, blending all students together would favor campuses with higher proportions of full-time students in inter-campus comparisons.

As stated above, these students were tracked through four years of SIS data, all that is available as this time. Four years is adequate time for full-time or near full-time students to achieve associate degrees which are nominally two years in length. Since many students, particularly those who undertake less than four-year programs, are poorly prepared for college-level work and must take non-credit remedial courses, the actual time needed to earn an associate degree is often more than two years.

In the years to follow, the annual SIS data will be added to the current retention database and these same students will be tracked for additional years. The experience gained in these studies will be used to determine over how many years associate and baccalaureate students should be tracked. It is apparent now that additional years are required to make a final assessment on the FY85 baccalaureate, but how many is enough—five, six, seven? Perhaps four years will be adequate for the associate freshmen, but should next year's study provide significant gains, the standard study time span will have to be lengthened to five or perhaps more years.

[Classifying these freshmen as to their degree-level aspirations does result in some anomalies for certain Purdue students. Technology freshmen at Purdue are required to register as associate students even though their ultimate goal is a baccalaureate. Therefore, it appears that the number of associate students going on to obtain baccalaureate degrees is higher at Purdue than at other institutions when many of these students actually should have been considered baccalaureate students at the outset. The data, however, do not permit identification of the true freshman baccalaureate students in these cases.]

Part-time/full-time classification was based on the student's attendance pattern over the four years under consideration rather than on their status in the first year. If a student was a full-time student in half or more of the years he/she attended, he/she was designated full-time, otherwise part-time. This approach was forced by the nature of the SIS data.

Full-time/part-time status is normally determined from the number of credit hours reported on the SIS record. However, a large number of students, particularly at the two-year institutions, take remedial, non-credit courses in their first year of school, and therefore appear to be part-time when evaluated solely on the basis of credit hours. Unfortunately, non-credit hours of instruction are not generally available in SIS, making it impossible to assess fully a student's course load, hence this "average" approach which is, nonetheless, a fair method of classification.

Students attending more than one campus in 1984-85 but who remained in the same institution were classified as "Multiple-campus, (institution name)." Those who attended campuses of different systems in FY85 are identified as "Multiple-Institutional."

As stated above, the object of the study was to determine how these students fared in the course of the four years examined. The accompanying tables broadly group them into three areas by their success or lack of it:

1. Completers — These are students who achieve a degree or certificate in the four years studied. The three subclasses categorize them further as to whether they achieved their original goal, ~~"stopped out" at~~ [achieved] a lower degree [only] ~~level~~ or went on to a higher goal. In this last category are included those who either raised their aspirations and achieved them, were misclassified in FY85, or used a declared degree objective as an intermediate goal on the path to a higher degree. Since completers are those FY85 freshmen who achieved a degree anywhere within Indiana public higher education institutions, the third subclassification in the associate tables also serves as a measure of the extent to which students are successful in using two-year institutions as stepping-stones to baccalaureates at four-year institutions.
2. Persisters — These students undertook studies in two, three or four years without achieving any sort of degree. The "Average Attempted Credit Hours" are the number of semester hours these students have attempted on average. This statistic is an attempt to determine just how far along these students are in their studies. (The Commission's SIS system collects only attempted hours and not completed hours.) For those persisters who were in school in FY88, the first year for which the cumulative grade-point average was collected in SIS, their average cumulative GPA is reported in the third column under "Persisters." Because these data were not available for all persisters, it is not a conclusive indicator of how well these students are doing but it does provide a general understanding.
3. Dropouts — Freshmen who started in FY85 and did not attend school again in the next three years anywhere within Indiana public institutions are categorized as dropouts. In succeeding years of this study, a dropout will be defined as any student who does not appear for the last three years of the study's time span. Unfortunately, the cumulative GPA for these students is not going to be available for another three years. Further, the SIS data contain no other information that might provide insight into what factors might be associated with these students.

About half of the students in this study are still "persisters," people who will become either completers or dropouts in future studies. With that large a number of outcomes still unknown, it is too early to make a final assessment on this class.

[The definitions and methodology used in this study are determined to a large extent by the nature of the data available and are not always the same as that used in retention studies commonly conducted at institutions. Therefore, in comparing this study with other statewide or institutional studies particular attention should be given to comparability of the definitions and methodologies. Further, because of the various ways the institutions report their students, caution should be exercised in using this study's results to make inter-institutional comparisons.]

Hoosier Full-time Declared Associate Freshmen of FY85 Tracked Thru FY88

	(1) Number	Completers (2) One or More Associate	(3) Certificate Only	(4) Assoc. and/or Higher Degree	(5) Persisters Percent	(6) Average Attempted Credit Hours	(7) Average Cum. GPA in Fourth Year	(8) Dropouts
Indiana University								
IU-Bloomington	30	30.0%	3.3%	13.3%	46.7%	96	2.87	6.7%
IU-East	17	29.4%	5.9%	11.8%	52.9%	75	3.04	0.0%
IU-Kokomo	69	47.8%	2.9%	17.4%	18.8%	81	2.34	13.0%
IU-Northwest	49	14.3%	0.0%	0.0%	59.2%	75	2.45	26.5%
IU-South Bend	18	0.0%	66.7%	5.6%	27.8%	87	2.67	0.0%
IU-Southeast	25	24.0%	0.0%	8.0%	56.0%	81	2.90	12.0%
IUPUI	202	22.8%	5.9%	6.0%	55.4%	84	2.48	9.9%
Multi-Campus, IU	21	33.3%	9.5%	19.1%	33.3%	72	2.78	4.8%
Purdue University								
PU-West Lafayette	447	27.3%	0.0%	32.7%	34.0%	93	2.47	6.0%
PU-Calumet	301	48.9%	0.0%	19.2%	26.6%	78	2.52	5.3%
PU-North Central	161	56.5%	0.0%	9.3%	24.2%	69	2.66	9.9%
IUPU-Fort Wayne	314	41.4%	2.9%	7.3%	41.1%	72	2.60	7.3%
Multi-Campus, PU	46	28.3%	0.0%	43.4%	26.1%	78	2.84	2.2%
Indiana State University	74	29.7%	0.0%	10.8%	35.1%	87	2.57	24.3%
Univ of Southern Indiana	41	39.0%	0.0%	0.0%	41.5%	66	2.65	19.5%
Ball State University	219	38.8%	0.0%	9.1%	39.3%	81	2.67	12.8%
Vincennes	2,345	39.7%	0.7%	2.7%	43.3%	75	2.52	13.6%
Ind Vocational Tech Inst								
IVTC-Northwest (1)	250	24.0%	3.6%	0.4%	54.0%	60	2.64	18.0%
IVTC-North Central (2	60	45.0%	1.7%	0.0%	48.3%	57	2.83	5.0%
IVTC-Northeast (3)	88	38.7%	2.3%	0.0%	44.3%	51	2.19	14.8%
IVTC-Lafayette (4)	40	27.5%	5.0%	2.5%	42.5%	69	2.56	22.5%
IVTC-Kokomo (5)	55	34.5%	7.3%	0.0%	41.8%	51	2.94	16.4%
IVTC-East Central (6)	76	31.6%	1.3%	0.0%	48.7%	60	2.72	18.4%
IVTC-Wabash Valley (7	83	33.7%	1.2%	1.2%	48.2%	57	2.69	15.7%
IVTC-Central Indiana	137	23.4%	0.7%	0.0%	51.8%	51	2.47	24.1%
IVTC-Whitewater (9)	36	25.0%	2.8%	0.0%	50.0%	57	2.15	22.2%
IVTC-Columbus (10)	86	34.9%	5.8%	0.0%	43.0%	54	2.58	16.3%
IVTC-Southeast (11)	22	50.0%	9.1%	0.0%	31.8%	57	2.79	9.1%
IVTC-Southwest (12)	65	21.5%	4.6%	1.5%	46.2%	51	2.71	26.2%
IVTC-South Central (1	54	22.2%	0.0%	0.0%	59.3%	60	2.41	18.5%
Multi-Campus IVTC	5	0.0%	0.0%	0.0%	80.0%	57	2.22	20.0%
Multi-Institutional	692	19.7%	0.7%	37.9%	34.4%	87	2.59	7.4%
Statewide	6,128	34.6%	1.5%	10.7%	41.1%	75	2.56	12.2%

Notes:

Column (4) — Achieved an associate degree plus a higher degree or achieved only a higher degree.
Column (6) — Semester hours.
Column (7) — Average known cumulative grade-point average for persisters in school in FY88, the only year for which this data is available.

Indiana Public Higher Education

Hoosier Full-time Declared Baccalaureate Freshmen of FY85 Tracked Thru FY88

	(1) Number	Completers (2) One or More Baccalaureate	Completers (3) Lower degree Only	Completers (4) Bacc. and/or Higher Degree	Persisters (5) Percent	Persisters (6) Average Attempted Credit Hours	Persisters (7) Average cum. GPA in Fourth Year	(8) Dropouts
Indiana University								
IU-Bloomington	2,325	30.6%	2.0%	0.0%	60.3%	102	2.63	7.1%
IU-East	64	7.8%	20.3%	0.0%	57.8%	78	3.04	14.1%
IU-Kokomo	168	6.5%	25.0%	0.0%	56.0%	78	2.80	12.5%
IU-Northwest	401	11.0%	9.2%	0.0%	69.1%	81	2.51	10.7%
IU-South Bend	158	15.8%	5.1%	0.0%	67.1%	84	2.69	12.0%
IU-Southeast	149	13.4%	5.4%	0.0%	73.2%	90	2.84	8.1%
IUPUI	856	12.0%	6.2%	0.0%	72.3%	84	2.62	9.5%
Multi-Campus, IU	596	46.7%	2.5%	1.7%	45.3%	105	2.57	3.9%
Purdue University								
PU-West Lafayette	3,190	29.0%	2.7%	0.0%	63.6%	108	2.63	4.6%
PU-Calumet	359	26.5%	4.7%	0.0%	60.7%	93	2.69	8.1%
PU-North Central	131	20.6%	12.2%	0.0%	60.3%	84	2.58	6.9%
IUPU-Fort Wayne	312	13.8%	10.3%	0.0%	65.4%	90	2.77	10.6%
Multi-Campus, PU	179	52.5%	3.4%	0.0%	37.4%	108	2.61	6.7%
Indiana State University	1,048	11.6%	3.4%	0.0%	69.9%	90	2.51	15.0%
Univ of Southern Indiana	340	12.9%	4.7%	0.3%	71.8%	84	2.66	10.3%
Ball State University	2,912	28.9%	2.6%	0.0%	58.8%	102	2.60	9.5%
Multi-Institutional	833	38.0%	7.6%	0.2%	49.0%	102	2.62	5.2%
Statewide	14,021	26.5%	4.1%	0.1%	61.4%	99	2.62	8.0%

Notes:

Column (4) — Achieved a baccalaureate degree plus a higher degree or achieved only a higher degree.
Column (6) — Semester hours.
Column (7) — Average known cumulative grade-point average for persisters in school in FY88, the only year for which this data is available.

Indiana Public Higher Education

Hoosier Part-time Declared Associate Freshmen of FY85 Tracked Thru FY88

		Completers			Persisters			
	(1) Number	(2) One or More Associate	(3) Certificate Only	(4) Assoc. and/or Higher Degree	(5) Percent	(6) Average Attempted Credit Hours	(7) Average cum. GPA in Fourth Year	(8) Dropouts
Indiana University								
IU-Bloomington	12	0.0%	0.0%	0.0%	50.0%	39	1.74	50.0%
IU-East	74	24.3%	4.1%	0.0%	41.9%	33	2.92	29.7%
IU-Kokomo	232	18.1%	0.4%	0.8%	56.5%	27	2.79	24.1%
IU-Northwest	158	10.1%	3.2%	0.0%	38.6%	30	2.93	48.1%
IU-South Bend	12	0.0%	0.0%	0.0%	50.0%	21	3.31	50.0%
IU-Southeast	88	6.8%	0.0%	0.0%	55.7%	30	2.75	37.5%
IUPUI	569	4.2%	0.5%	0.0%	60.8%	33	2.60	34.4%
Multi-Campus, IU	18	33.3%	0.0%	5.6%	27.8%	42	2.73	33.3%
Purdue University								
PU-West Lafayette	200	11.5%	0.0%	0.0%	54.5%	30	2.95	34.0%
PU-Calumet	492	20.9%	0.6%	3.0%	43.9%	33	2.82	31.5%
PU-North Central	454	19.1%	0.0%	0.4%	45.2%	30	2.93	35.2%
IUPU-Fort Wayne	1,143	11.4%	0.9%	0.2%	52.6%	27	2.81	35.0%
Multi-Campus, PU	9	44.4%	0.0%	0.0%	55.6%	45	2.62	0.0%
Indiana State University	33	3.0%	0.0%	0.0%	42.4%	33	2.55	54.5%
Univ of Southern Indiana	89	1.1%	2.2%	0.0%	47.2%	27	2.97	49.4%
Ball State University	233	6.4%	0.0%	3.0%	39.5%	27	2.72	51.1%
Vincennes	3,332	5.0%	0.2%	0.2%	36.4%	24	3.07	58.2%
Ind Vocational Tech Inst								
IVTC-Northwest (1)	1,721	2.9%	1.1%	0.2%	40.0%	27	2.57	55.8%
IVTC-North Central (2	866	3.3%	0.8%	0.0%	44.1%	27	2.71	51.7%
IVTC-Northeast (3)	1,157	7.5%	0.6%	0.0%	41.9%	24	2.98	50.0%
IVTC-Lafayette (4)	407	8.9%	1.2%	0.0%	36.9%	21	2.94	53.1%
IVTC-Kokomo (5)	568	3.0%	1.6%	0.0%	35.4%	24	2.63	60.0%
IVTC-East Central (6)	899	5.5%	1.9%	0.0%	36.0%	27	2.93	56.6%
IVTC-Wabash Valley (7	701	4.0%	0.4%	0.0%	37.1%	24	3.19	58.5%
IVTC-Central Indiana	1,510	3.3%	0.3%	0.0%	41.2%	27	2.68	55.2%
IVTC-Whitewater (9)	423	5.0%	1.7%	0.0%	36.9%	24	2.89	56.5%
IVTC-Columbus (10)	584	6.3%	1.5%	0.2%	44.3%	30	2.85	47.6%
IVTC-Southeast (11)	133	7.5%	0.8%	0.0%	33.1%	27	2.90	58.6%
IVTC-Southwest (12)	596	2.9%	3.7%	0.0%	38.3%	27	2.81	55.2%
IVTC-South Central (1	363	7.4%	0.3%	0.3%	39.4%	30	2.90	52.6%
Multi-Campus IVTC	27	7.4%	3.7%	0.0%	33.3%	30	2.90	55.6%
Multi-Institutional	574	10.5%	1.4%	7.1%	59.6%	36	2.62	21.4%
Statewide	17,677	6.5%	0.9%	0.5%	42.0%	27	2.83	50.1%

Notes:

Column (4) — Achieved an associate degree plus a higher degree or achieved only a higher degree.
Column (6) — Semester hours.
Column (7) — Average known cumulative grade-point average for persisters in school in FY88, the only year for which this data is available.

Indiana Public Higher Education

Hoosier Part-time Declared Baccalaureate Freshmen of FY85 Tracked Thru FY88

	(1) Number	Completers (2) One or More Baccalaureate	Completers (3) Lower Degree Only	Completers (4) Bacc. and/or Higher Degree	Persisters (5) Percent	Persisters (6) Average Attempted Credit Hours	Persisters (7) Average cum. GPA in Fourth Year	(8) Dropouts
Indiana University								
IU-Bloomington	350	0.0%	0.6%	0.0%	57.7%	42	2.30	41.7%
IU-East	228	0.4%	7.0%	0.0%	47.4%	30	2.91	45.2%
IU-Kokomo	584	0.5%	15.8%	0.0%	47.9%	33	2.72	35.8%
IU-Northwest	766	0.0%	5.4%	0.0%	51.3%	36	2.56	43.3%
IU-South Bend	500	2.0%	2.4%	0.0%	48.8%	33	2.77	46.8%
IU-Southeast	283	2.1%	4.2%	0.0%	55.1%	33	2.63	38.5%
IUPUI	2,001	0.3%	3.0%	0.0%	59.2%	33	2.57	37.5%
Multi-Campus, IU	237	52.7%	10.1%	0.4%	30.4%	39	2.54	6.3%
Purdue University								
PU-West Lafayette	427	0.9%	0.2%	0.0%	61.4%	51	2.77	37.5%
PU-Calumet	336	1.2%	1.5%	0.0%	56.8%	36	2.95	40.5%
PU-North Central	229	1.3%	21.8%	0.0%	49.3%	33	2.97	27.5%
IUPU-Fort Wayne	518	0.2%	6.2%	0.0%	58.1%	36	2.75	35.5%
Multi-Campus, PU	13	23.1%	0.0%	0.0%	69.2%	60	2.65	7.7%
Indiana State University	549	0.9%	2.9%	0.4%	50.3%	36	2.52	45.5%
Univ of Southern Indiana	656	1.1%	0.5%	0.3%	48.2%	30	2.68	50.0%
Ball State University	1,094	0.3%	1.7%	0.0%	48.9%	42	2.47	49.1%
Multi-Institutional	381	7.8%	10.2%	0.8%	60.9%	42	2.48	20.2%
Statewide	9,152	2.3%	4.6%	0.1%	53.3%	36	2.62	39.7%

Notes:

Column (4) — Achieved a baccalaureate degree plus a higher degree or achieved only a higher degree.
Column (6) — Semester hours.
Column (7) — Average known cumulative grade-point average for persisters in school in FY88, the only year for which this data is available.

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